## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	665	((703/7) or (703/25)).CCLS.	USPAT; USOCR	OR	OFF	2007/10/24 11:05
L2	525	(717/106,126).CCLS.	USPAT; USOCR	OR	OFF	2007/10/24 11:05
L3	525	((717/106) or (717/126)).CCLS.	USPAT; USOCR	OR	OFF	2007/10/24 11:06
L4	1103	((700/245) or (700/275)).CCLS.	USPAT; USOCR	OR	OFF	2007/10/24 11:06
L5	4	(I1 I2 I4) and ((motion move\$4 animat\$4) with (mechanical robot fixture work\$cell geometry CAD) with (plc (program\$4 near logic\$4 near code)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/10/24 11:13
L6	5	("20020120921"   "20030182083"   "20040073404"   "6161051"   "6356806").PN. OR ("6928337").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/24 11:10
L7	229920	((motion move\$4 animat\$4) with (mechanical robot fixture work\$cell geometry CAD))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/10/24 11:14
L8	116586	(plc (program\$4 near logic\$4 near controller))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/10/24 11:14
L9	3295	I7 and I8	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/10/24 11:14
L10	1	l9 and (plc with emulator)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/10/24 11:15
L11	2	I9 and (plc same emulator)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/10/24 11:15
L12	45	l9 and (plc same (emulat\$4 simulat\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/10/24 11:20

## **EAST Search History**

L13	6	(walacavage and (plc near3 (emulat\$4 simulat\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/10/24 11:21
L14	29	("20020147505"   "20030061274"   "20030061335"   "20030125844"   "20040059851"   "20040064253"   "20040078182"   "20040088391"   "20040117166"   "20040148135"   "20040148371"   "20040153804"   "20040199925"   "20040230323"   "20040230327"   "20040236885"   "20050007249"   "20050027376"   "20050027377"   "20050033466"   "5276811"   "5442639"   "5971581"   "6442441"   "6446202"   "6449715"   "6556950"   "6618856"   "6823280"). PN. OR ("6963814").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/24 11:22
L15	29	("20020147505"   "20030061274"   "20030061335"   "20030125844"   "20040059851"   "20040064253"   "20040078182"   "20040088391"   "20040117166"   "20040148135"   "20040148371"   "20040153804"   "20040199925"   "20040230323"   "20040230327"   "20040236885"   "20050007249"   "20050027376"   "20050027377"   "20050033466"   "5276811"   "5442639"   "5971581"   "6442441"   "6446202"   "6449715"   "6556950"   "6618856"   "6823280"). PN. OR ("6963814").URPN.	US-PGPUB; USPAT; USOCR	OR .	OFF	2007/10/24 11:22

Web Images Video News Maps Gmail more v

Sign in

Google

"plc" " verification" "simulation" "motion"

Search

Advanced Search Preferences

Web

Results 1 - 10 of about 210,000 for "plc" "verification" "simulation" "motion". (0.30 seconds)

<u>PLC Verification Solution - Robotics Online</u> <u>PLC Verification uses OPC, OLE for Process Control, to communicate</u> between the <u>PLC</u> hardware and the DELMIA IGRIP <u>simulation</u>. This

standard allows any ...

www.roboticsonline.com/public/articles/archivedetails.cfm?id=438 - 34k - Cached - Similar pages

Method of emulating machine tool behavior for programmable logic ...

2, the method includes using the PLC logical verification system 18 to construct ... the motion path of a three-dimensional object through simulation space. ...

www.freepatentsonline.com/20020040291.html - 35k - Cached - Similar pages

Sponsored Links

Unique Motion Simulators
Special event rentals with Nascar
Coasters, Bull Riding, Bobsled
www.rentasimulator.com

**Motion Simulation** 

Simulate continuous & discrete-time systems with Simulink® software www.mathworks.com

Method of embedding tooling control data within mechanical fixture ...

An example of automatically generating PLC code for building a physical tool is ...

programmable logic control verification simulation of the PLC code ...

www.freepatentsonline.com/20060064289.html - 39k - Cached - Similar pages

[ More results from www.freepatentsonline.com ]

[PDF] AUTOMATIC IMPLEMENTATION AND VERIFICATION OF COORDINATING PLC-CODE ...

File Format: PDF/Adobe Acrobat - View as HTML

Implementation and verification of the coordinat-. ing PLC software is a tedious .....

**simulation**. This automaton represents the pro-. grammed **motion** of the ... db.s2.chalmers.se/download/publications/flordal\_1491.pdf - <u>Similar pages</u>

8/01 mechanical engineering departments: computing

He uses the **simulation** software to run **motion**, **motion** and interferences, .... programmable logic controller **verification** software, called **PLC Verification**. ... www.memagazine.org/backissues/membersonly/ aug01/departments/computing/computing.html - 23k - <u>Cached</u> - <u>Similar pages</u>

Robot simulation apparatus - US Patent 6928337

5 shows a basic algorithm of a **simulation motion** using animation display of the .... 2 with a programmable logic controller (hereafter referred to as **PLC**) 6 ... www.patentstorm.us/patents/6928337-description.html - 43k - <u>Cached</u> - <u>Similar pages</u>

[PDF] Spirent GSS6560

File Format: PDF/Adobe Acrobat - View as HTML

development/verification environment. Multi-Channel GPS/SBAS. Simulation System:

Spirent ... are exclusive trademarks of Spirent plc and its subsidiaries. ...

www.spirentcom.com/documents/3445.pdf - Similar pages

Adept Scientific plc - The Technical Computing People

"We have to perform Task **Verification** to make sure that every task will execute ... Running a **simulation** of a space manipulator is a very complex process in ... www.adeptscience.com/pressroom/article/109 - 43k - Cached - Similar pages

CAM Software includes 5-axis machining capabilities., Delcam Plc

This approach can be used to give smoother **motion** of the machine tool and more ... **Simulation** and **verification** on the computer has become increasingly ... news.thomasnet.com/fullstory/531508 - 68k - Cached - Similar pages

Motion Control, Safety Issues and PLC Training

See also new product: PLC Training and Simulation - 2 CD Set ... members must identify their AFE affiliation and provide their member id for verification. ... www.feedforward.com.au/News/world-industry-news-vol15.htm - 15k - Cached - Similar pages

1 <u>2 3 4 5 6 7 8 9 10</u> Next

Try Google Desktop: search your computer as easily as you search the web.

"plc" " verification" "simulation" "moti Search

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve

©2007 Google - Google Home - Advertising Programs - Business Solutions - About Google

Web Images Video News Maps Gmail more v

Sign in

**Google** 

"walacavage" "plc" Search Preferences

Web

Results 1 - 10 of about 36 for "walacavage" "plc". (0.16 seconds)

**PLC** Logic Controllers

Sponsored Link

www.AutomationDirect.com/plcs

Free Online Support, 24/7 Ordering. Save 20%+, Contact Us For Prices.

Did you mean: "wallacavage" "plc"

Identifying and visualizing faults in PLC-based manufacturing ...

Textual fault messages in PLC-based manufacturing systems are supplemented by ...

Walacavage, Joe (Ypsilanti, MI, US) Newman, Eric (Brighton, MI, US) ...

www.freepatentsonline.com/20070143076.html - 42k - Cached - Similar pages

Method of logical modeling of operator interaction with ...

The method also includes the step of using the flowchart to test PLC ... Walacavage, J. G. (Ypsilanti, MI, US) Coburn, Jim D. (Cleveland Heights, OH, US) ...

www.freepatentsonline.com/20020069045.html - 31k - Cached - Similar pages

[ More results from www.freepatentsonline.com ]

Joe Walacayage Patent Inventor Ypsilanti, MI, US

Joe **Walacavage**. Ypsilanti, MI, US Recent patents listed: 20070143076 - Identifying and visualizing faults in **plc**-based manufacturing systems ... www.freshpatents.com/Joe-**Walacavage**-Ypsilanti-invdirw.php - 9k - <u>Cached</u> - <u>Similar pages</u>

Identifying and visualizing faults in plc-based manufacturing ...

Textual fault messages in PLC-based manufacturing systems are supplemented by ...

Patent Inventors: Joe Walacavage, Eric Newman, James McAlpine ...

www.freshpatents.com/Identifying-and-visualizing-faults-in-plc-based-manufacturing-systems-dt20070621ptan... - 31k - Cached - Similar pages

Method of automatically generating and verifying programmable ...
Inventor(s). J. G. Walacavage · Alan Baumgartner ... generating PLC code by a virtual programmable logic controller code generator if the neutral control ...
www.patentstorm.us/patents/6442441-claims.html - 27k - Cached - Similar pages

Method of automatically generating and verifying programmable ... Inventor(s). J. G. Walacavage · Alan Baumgartner .... The method also includes the steps of verifying whether the PLC code is correct and using the PLC code ... www.patentstorm.us/patents/6442441-description.html - 33k - Cached - Similar pages [More results from www.patentstorm.us]

Edith Wakumire — Sean Walberg: ZoomInfo Business People Information Walacavage, Allison, Happendance Inc, Allison Walacavage ...... Walberg, Nick, Prudential plc, Nick Walberg ... Visit Web Site Email Me ... www.zoominfo.com/people/level2page41705.aspx - 116k - Cached - Similar pages

Method of automatically generating and verifying programmable ... Inventor:, Walacavage, et al. Date Issued:, August 27, 2002 .... A method as set forth in claim 23 including the step of using the PLC code to build a ... www.patentgenius.com/patent/6442441.html - 45k - Cached - Similar pages

Method of using neutral event specification file for manufacturing ...

Inventor:, **Walacavage**, et al. Date Issued:, June 8, 2004 .... It is known that programmable logic controller (**PLC**) code is written by controls engineers ... www.patentgenius.com/patent/6748283.html - 53k - <u>Cached</u> - <u>Similar pages</u>

Method of using neutral event specification file for manufacturing ... Inventors:, Walacavage; Joseph G. (Ypsilanti, MI), Baumgartner; Alan Newton .... It is known that programmable logic controller (PLC) code is written by ... www.patentmonkey.com/PM/patentid/6748283.aspx - 140k - Cached - Similar pages

Did you mean to search for: "wallacavage" "plc"

1 <u>2 3</u> Next

Try Google Desktop: search your computer as easily as you search the web.

"walacavage" "plc" Search

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve

©2007 Google - Google Home - Advertising Programs - Business Solutions - About Google